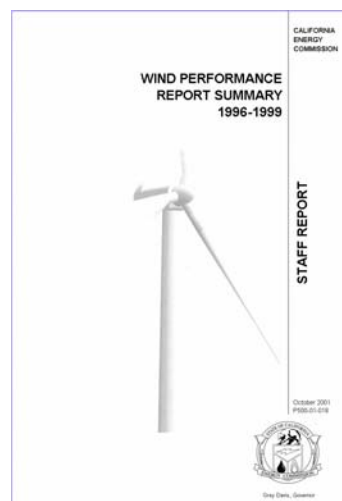


Project Fact Sheet

California's Wind Performance Reporting System and Summary (WPRS)

GOALS

- Collect and disseminate wind facility performance data for use by industry, utilities, investors, manufacturers, government, and research and development groups.
- Provide comprehensive data to evaluate the performance trends and track benefits of wind technology in California.
- Provide a perspective on wind industry performance with archive of data.
- Develop trends and insight on future development needs.



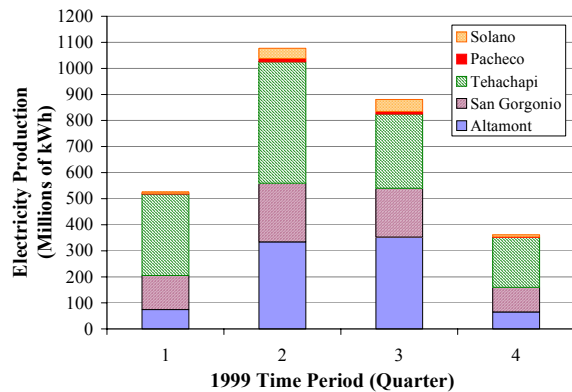
PROJECT DESCRIPTION

Since January 1985, California regulations have required all wind operators with projects rated at 100 kW or more to provide quarterly wind performance reports to the Energy Commission. Power purchasers are also file quarterly reports documenting power purchases from wind operators.

The Commission compiles these quarterly reports into the Wind Performance Reporting Summary report. Annual data has been made available since 1985. The reports track detailed information on wind energy projects, including: turbine manufacturers, model numbers, rotor diameter, capacity rating, number of cumulative and new turbines installed, projected output per turbine (not reported after 1995), output for each turbine model, and output for the entire project. The report also contains data summary tables reflecting turbine performance statewide and by resource area.

In 1999, the PIER Renewables Research and Development Group (RD&D) assumed responsibility for compiling and evaluating the WPRS data. The 1996-1999 WPRS summary report provides the latest information on wind development in California. The 2000-2001 report is scheduled for release near the end of 2002. PIER staff will continue to publish reports on an annual basis providing summaries on the industry and trends. Online reports since 1994 may downloaded from the Commission web-site.

BENEFITS TO CALIFORNIA



Electricity production by California resource areas for 1999.

The WPRS reports remain one of the most comprehensive and unbiased summaries of the California wind industry. Industry, utilities, investors, manufacturers, government, research and development groups use these reports to understand the current and historical performance of California's wind energy developments. The reports provide an important tool for evaluating the performance and relative benefits of wind technology in the state and assess impacts to the state. In addition, the

reports contain data usefully in understanding development trends and to provide insight into future development needs.

FUNDING AMOUNT

Commission	\$35,000
DOE	\$35,000

PROJECT STATUS

Ongoing. PIER and DOE continue to fund WPRS publications. Personnel receive and compile data for annual WPRS publications monthly. Since 1999, continuous improvements have been made to the reporting process to simplify the reporting forms and decrease reporting time. Electronic reporting is now available and nearly all operators are utilizing the new reporting formats.

FOR MORE INFORMATION

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